Recent Developments in Input–Output Analysis

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Edited by Erik Dietzenbacher, Professor of Interindustry Economics, University of Groningen, the Netherlands, Michael L. Lahr, Professor of Planning and Public Policy, Rutgers, The State University of New Jersey, US and Manfred Lenzen, Professor of Sustainability Research, University of Sydney, Australia

The international fragmentation of current production processes has led to an explosion of trade in intermediate products, indirectly impacting jobs, income, resources, energy, and emissions. Much of what is consumed is produced via global value chains contributing to climate change via carbon dioxide emissions. The editors analyse the complex interdependent international production structures and their links to social inequality and the environment, which has led to a demand for international input–output tables. Including an original introduction the new volumes comprehensively present research that has advanced the state of the art in input–output analysis over the past two decades.

‘We were very pleased to learn of this ambitious new two-volume compendium of key contributions over the last twenty years or so to the field of input–output analysis, compiled by seasoned veteran input–output researchers Erik Dietzenbacher, Michael Lahr and Manfred Lenzen. The input–output field is experiencing a notable renaissance of methodological developments and applications, especially in conjunction with the growing collection of global data sets, to evaluate economic, environmental, and social policy issues. These recent developments are captured very effectively in the collection, which draws on a wide range of both traditional and newer, specialized journals with which some readers may be less familiar. The new compendium stands as an excellent resource on its own, and it will also serve as an especially useful companion to existing texts in the field.’

– Peter Blair, National Academies of Sciences, Engineering and Medicine, Washington DC, and Ronald E. Miller, University of Pennsylvania, US

2020 1,832 pp Hardback 978 1 78643 080 9 £595.00 £535.50 $895.00 $805.50